

WHAT IS CLAIMED IS:

1. A shipping management computer system, said computer system programmed to:  
recognize, in response to a particular user of a plurality of users using a particular remote user client computer device to print a shipping label for shipping a particular parcel using a particular carrier from a plurality of carriers, a set of graphic resolution characteristics of a printer device configured with the particular remote user client computer device, wherein each user accesses the computer system over a global communications network using a remote user client computer device, each remote user client computer device having an individual electronic connection to the global communications network.

2. The computer system of Claim 1, said computer system further programmed to:  
create a shipping label image bearing a dimensionally accurate symbology for display on a display device configured with the particular remote user client computer device for printing on the particular printer device.

3. The computer system of Claim 2, wherein said particular printer device is a laser printer device.

4. The computer system of Claim 2, said computer system further programmed to:  
generate the shipping label bearing a dimensionally accurate symbology in a form according to a set of rules for a particular service offered by a particular carrier according to a selection by a particular user of one of a plurality of services offered by one of a plurality of carriers.

5. A computer system for managing shipping of a plurality of parcels by a

1 plurality of users using a plurality of carriers, wherein each user accesses the computer  
2 system over a global communications network using a remote user client computer device,  
3 said computer system programmed to:

4 generate a shipping label bearing a dimensionally accurate symbology in a format  
5 according to a set of formatting rules for a particular service offered by a particular carrier  
6 according to a selection by a particular user of one of a plurality of services offered by one of  
7 a plurality of carriers.  
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9 6. A computer system for managing shipping of a plurality of parcels by a  
10 plurality of users using a plurality of carriers, wherein each user accesses the computer  
11 system over a global communications network using a client computer device, said computer  
12 system programmed to:

13 create a shipping label image bearing a dimensionally accurate symbology for display  
14 on a display device configured with a particular client computer used by a particular user for  
15 shipping a particular parcel in a format according to a set of formatting rules for a particular  
16 service offered by a particular carrier according to a selection by the particular user of one of  
17 a plurality of services offered by one of the plurality of carriers.  
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19 7. A computer system for printing dimensionally accurate shipping label  
20 symbologies on any of a plurality of remote printers wherein each remote printer is  
21 configured with a remote client computer, wherein each user of each remote client computer  
22 accesses the computer system over a global communications network, said computer system  
23 programmed to:

24 send a test image to a particular remote client computer used by a particular user;  
25 recognize a set of graphic resolution characteristics corresponding to a particular laser  
26 printer device configured with the particular remote user client computer device; and

27 generate an image to be printed for display on a display device configured with the  
28 particular remote user client computer device with graphic characteristics consistent with the  
29 set of graphic resolution characteristics corresponding to the particular laser printer device

1 configured with the particular remote user client computer device.

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3 8. A computer system for managing shipping of a plurality of parcels by a  
4 plurality of users using a plurality of carriers, wherein each user accesses the computer  
5 system over a global communications network using a client computer device, said computer  
6 system programmed to:

7 generate a shipping label for shipping a particular parcel in accordance with a  
8 selection by one particular user of one of a plurality of calculated shipping rates wherein the  
9 selected calculated shipping rate corresponds to one of a plurality of services offered by one  
10 of a plurality of carriers, wherein said shipping label is generated in a format according to a  
11 set of requirements by the particular carrier that corresponds to the selected calculated  
12 shipping rate.

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14 9. The computer system of Claim 8, said computer system further programmed  
15 to:

16 graphically size the generated shipping label according to a printer resolution of a  
17 printing device configured with the client computer device of the particular user.

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19 10. A computer system for printing dimensionally accurate shipping label  
20 symbologies on any of a plurality of remote printers wherein each remote printer is  
21 configured with a remote client computer, wherein each user of each remote client computer  
22 accesses the computer system over a global communications network, said computer system  
23 programmed to:

24 graphically size a shipping label symbology to be printed on a particular remote  
25 printing device according to a printer resolution of the remote printing device.

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27 11. A method using a computer system for interfacing the computer system with a  
28 plurality of remote printer devices wherein each remote printer device is configured with  
29 remote client computer devices, said method comprising:

1 recognizing, in response to a particular user of a plurality of users using a particular  
2 remote user client computer device to print a shipping label for shipping a particular parcel  
3 using a particular carrier from a plurality of carriers, a set of graphic resolution characteristics  
4 of a printer device configured with the particular remote user client computer device,  
5 wherein each user accesses the computer system over a global communications network  
6 using a remote user client computer device, each remote user client computer device having  
7 an individual electronic connection to the global communications network.  
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9 12. The method of Claim 11, said method further comprising:  
10 creating a shipping label image bearing a dimensionally accurate symbology for  
11 display on a display device configured with the particular remote user client computer device  
12 for printing on the particular printer device.  
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14 13. The method of Claim 12, wherein said particular remote printer device is a  
15 laser printer device.  
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17 14. The method of Claim 12, said method further comprising:  
18 generating the shipping label bearing a dimensionally accurate symbology in a form  
19 according to a set of rules for a particular service offered by a particular carrier according to a  
20 selection by a particular user of one of a plurality of services offered by one of a plurality of  
21 carriers.  
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23 15. A method using a computer system for managing shipping of a plurality of  
24 parcels by a plurality of users using a plurality of carriers, wherein each user accesses the  
25 computer system over a global communications network using a remote user client computer  
26 device, said method comprising:

27 generating a shipping label bearing a dimensionally accurate symbology in a format  
28 according to a set of formatting rules for a particular service offered by a particular carrier  
29 according to a selection by a particular user of one of a plurality of services offered by one of

1 a plurality of carriers.

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3 16. A method using a computer system for managing shipping of a plurality of  
4 parcels by a plurality of users using a plurality of carriers, wherein each user accesses the  
5 computer system over a global communications network using a client computer device, said  
6 method comprising:

7 creating a shipping label image bearing a dimensionally accurate symbology for  
8 display on a display device configured with a particular client computer used by a particular  
9 user for shipping a particular parcel in a format according to a set of formatting rules for a  
10 particular service offered by a particular carrier according to a selection by the particular user  
11 of one of a plurality of services offered by one of the plurality of carriers.

12  
13 17. A method using a computer system for printing dimensionally accurate  
14 shipping label symbologies on any of a plurality of remote printers wherein each remote  
15 printer is configured with a remote client computer, wherein each user of each remote client  
16 computer accesses the computer system over a global communications network, said method  
17 comprising:

18 sending a test image to a particular remote client computer used by a particular user  
19 wherein the particular remote client computer is configured with a browser;

20 recognizing a set of graphic resolution characteristics corresponding to a particular  
21 laser printer device configured with the particular remote user client computer device; and

22 generating an image to be printed for display in the browser with graphic  
23 characteristics consistent with the set of graphic resolution characteristics corresponding to  
24 the particular laser printer device configured with the particular remote user client computer  
25 device.

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27 18. A method using a computer system for managing shipping of a plurality of  
28 parcels by a plurality of users using a plurality of carriers, wherein each user accesses the  
29 computer system over a global communications network using a client computer device, said

1 method comprising:

2 generating a shipping label for shipping a particular parcel in accordance with a  
3 selection by one particular user of one of a plurality of calculated shipping rates wherein the  
4 selected calculated shipping rate corresponds to one of a plurality of services offered by one  
5 of a plurality of carriers, wherein said shipping label is generated in a format according to a  
6 set of requirements by the particular carrier that corresponds to the selected calculated  
7 shipping rate.

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9 19. The method of Claim 18, said method further comprising:  
10 graphically sizing the generated shipping label according to a printer resolution of a  
11 printing device configured with the client computer device of the particular user.

12  
13 20. A method using a computer system for printing dimensionally accurate  
14 shipping label symbologies on any of a plurality of remote printers wherein each remote  
15 printer is configured with a remote client computer, wherein each user of each remote client  
16 computer accesses the computer system over a global communications network, said method  
17 comprising:

18 graphically sizing a shipping label symbology to be printed on a particular remote  
19 printing device according to a printer resolution of the remote printing device.

20  
21 21. A method using a computer for printing on any one of a plurality of client  
22 printers a dimensionally accurate print image of a source image, wherein each client printer is  
23 configured with a client computer device, and wherein the client computer device is  
24 configured with a display device, wherein the computer communicates with each client  
25 computer device over a global communications network, the method comprising:

26 creating a graphic element with a fixed width;  
27 creating a scalable character string that fits within a display of the graphic element as a  
28 single line in a particular display device resolution;  
29 displaying on the display device the scalable character string inside the display of the

1 graphic element;

2 determining a configured display resolution of the display device;

3 generating an image in a size that is printable by the web browser.

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5 22. The method of Claim 21 wherein the scalable character string comprises one or  
6 more characters having a particular font face and a particular font size.

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8 23. The method of Claim 22 wherein the graphic element is a Hypertext Markup  
9 Language table cell.

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11 24. The method of Claim 23 wherein the configured display resolution is measured in  
12 dots per inch.

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14 25. A method using a server computer for printing shipping labels with  
15 dimensionally accurate symbologies on any one remote printer of a plurality of remote  
16 printers wherein the particular remote printer is configured to a remote client computer, said  
17 client computer having a client browser, a display device and a printing device, wherein the  
18 server computer communicates with each client computer device over a global  
19 communications network, the method comprising:  
20 creating a test image with a particular set of graphic characteristics;  
21 sending the test image to a particular remote client computer used by a particular user  
22 for display on a display device configured with the particular remote client computer;  
23 requesting a response from the particular user to identify display characteristics of a  
24 displayed image corresponding to the test image;  
25 recognizing a set of graphic resolution characteristics corresponding to a particular  
26 laser printer device configured with the particular remote user client computer device; and  
27 generating a shipping according to the recognized set of graphic resolution characteristics  
28 corresponding to a particular laser printer device configured with the particular remote user client  
29 computer device.

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26. A computer program-product embodying computer program instructions for execution by a computer system for interfacing the computer system with a plurality of remote printer devices wherein each remote printer device is configured with remote client computer devices, the computer program product comprising:

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a set of program instructions for recognizing, in response to a particular user of a plurality of users using a particular remote user client computer device to print a shipping label for shipping a particular parcel using a particular carrier from a plurality of carriers, a set of graphic resolution characteristics of a printer device configured with the particular remote user client computer device, wherein each user accesses the computer system over a global communications network using a remote user client computer device, each remote user client computer device having an individual electronic connection to the global communications network.

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27. The computer program product of Claim 26, said computer program product further comprising:

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a set of program instructions for creating a shipping label image bearing a dimensionally accurate symbology for display on a display device configured with a particular client computer used by a particular user for shipping a particular parcel in a format according to a set of formatting rules for a particular service offered by a particular carrier according to a selection by the particular user of one of a plurality of services offered by one of the plurality of carriers.

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28. The computer program product of Claim 27, wherein said particular remote printer device is a laser printer device.

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29. The computer program product of Claim 27, said computer program product further comprising:

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a set of program instructions for generating the shipping label bearing a dimensionally



1 accurate symbology in a form according to a set of rules for a particular service offered by a  
2 particular carrier according to a selection by a particular user of one of a plurality of services  
3 offered by one of a plurality of carriers.

4  
5 30. A computer program product embodying computer program instructions for  
6 execution by a computer system for managing shipping of a plurality of parcels by a plurality  
7 of users using a plurality of carriers, wherein each user accesses the computer system over a  
8 global communications network using a remote user client computer device, the computer  
9 program product comprising:

10 a set of program instructions for generating a shipping label bearing a dimensionally  
11 accurate symbology in a format according to a set of formatting rules for a particular service  
12 offered by a particular carrier according to a selection by a particular user of one of a plurality  
13 of services offered by one of a plurality of carriers.

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15 31. A computer program product embodying computer program instructions for  
16 execution by a computer system for managing shipping of a plurality of parcels by a plurality  
17 of users using a plurality of carriers, wherein each user accesses the computer system over a  
18 global communications network using a remote user client computer device, the computer  
19 program product comprising:

20 a set of program instructions for creating a shipping label image bearing a  
21 dimensionally accurate symbology for display on a display device configured with a  
22 particular client computer used by a particular user for shipping a particular parcel in a  
23 format according to a set of formatting rules for a particular service offered by a particular  
24 carrier according to a selection by the particular user of one of a plurality of services offered  
25 by one of the plurality of carriers.

26  
27 32. A computer program product embodying computer program instructions for  
28 execution by a computer system for printing dimensionally accurate shipping label  
29 symbologies on any of a plurality of remote printers wherein each remote printer is

1 configured with a remote client computer, wherein each user of each remote client computer  
2 accesses the computer system over a global communications network, the computer program  
3 product comprising:

4 a set of program instructions for sending a test image to a particular remote client  
5 computer used by a particular user wherein the particular remote client computer is  
6 configured with a browser;

7 a set of program instructions for recognizing a set of graphic resolution characteristics  
8 corresponding to a particular laser printer device configured with the particular remote user  
9 client computer device; and

10 a set of program instructions for generating an image to be printed for display in the  
11 browser with graphic characteristics consistent with the set of graphic resolution  
12 characteristics corresponding to the particular laser printer device configured with the  
13 particular remote user client computer device.

14  
15 33. A computer program product embodying computer program instructions for  
16 execution by a computer system for managing shipping of a plurality of parcels by a plurality  
17 of users using a plurality of carriers, wherein each user accesses the computer system over a  
18 global communications network using a client computer device, said computer program  
19 product comprising:

20 a set of program instructions for generating a shipping label for shipping a particular  
21 parcel in accordance with a selection by one particular user of one of a plurality of calculated  
22 shipping rates wherein the selected calculated shipping rate corresponds to one of a plurality  
23 of services offered by one of a plurality of carriers, wherein said shipping label is generated  
24 in a format according to a set of requirements by the particular carrier that corresponds to the  
25 selected calculated shipping rate.

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27 34. The computer program product of Claim 33, said computer program product  
28 further comprising:

29 a set of program instructions for graphically sizing the generated shipping label

1 according to a printer resolution of a printing device configured with the client computer  
2 device of the particular user.

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4 35. A computer program product embodying computer program instructions for  
5 execution by a computer system for printing dimensionally accurate shipping label shipping  
6 label symbologies on any of a plurality of remote printers wherein each remote printer is  
7 configured with a remote client computer, wherein each user of each remote client computer  
8 accesses the computer system over a global communications network, said computer program  
9 product comprising:

10 a set of program instructions for graphically sizing a shipping label symbology to be  
11 printed on a particular remote printing device according to a printer resolution of the remote  
12 printing device.

13  
14 36. A computer program product embodying computer program instructions for  
15 execution by a computer system for printing on any one of a plurality of client printers a  
16 dimensionally accurate print image of a shipping label source image, wherein each client  
17 printer is configured with a client computer device, and wherein the client computer device is  
18 configured with a display device, a web browser, and a configured display resolution,  
19 wherein the computer communicates with each client computer device over a global  
20 communications network, the computer program product comprising:

21 a set of program instructions for creating a graphic element with a fixed width;  
22 a set of program instructions for creating a scalable character string that fits within a  
23 display of the graphic element as a single line in a particular display device resolution;  
24 a set of program instructions for displaying on the display device the scalable character  
25 string inside the display of the graphic element;  
26 a set of program instructions for determining a configured display resolution of the  
27 display device;  
28 a set of program instructions for generating an image in a size that is printable by the web  
29 browser.

1           37.     The computer program product of Claim 36 wherein the scalable character string  
2 comprises one or more characters having a particular font face and a particular font size.

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